

POLYESTER MOLDING MATERIAL AND MOLDING

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Abstract of JP1201326

PURPOSE:To obtain the title molding material improved in gas barrier property and heat resistance and made suitable as a packaging material for foods, cosmetics, medicines, etc., by constituting it from a specified acid component and a specified diol component. **CONSTITUTION:**The title molding material is an aromatic polyester comprising isophthalic acid as an acid component and resorcinol as a diol component (having an intrinsic viscosity of, desirably, ≥ 0.3 , especially, 0.4-1.5 when measured in a phenol/tetrachloroethane mixed solvent of a weight ratio 60/40 at 35 deg.C) or a copolymer polyester containing at least 60mol.%, desirably, at least 75mol.% said repeating units. Although this aromatic polyester can serve by itself as a packaging material for films and sheets, the gas barrier property can be improved further in the case of hollow moldings such as bottles when a composition formed by mixing 100pts.wt. this aromatic polyester with 1-100pts. polyethylene terephthalate is used.

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